# UNITED STATES PATENT AND TRADEMARK OFFICE

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/904,069 | 07/12/2001 | Thomas Chapuran | APP 1287-US | 1899 |

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TELCORDIA TECHNOLOGIES, INC.
ONE TELCORDIA DRIVE 5G116
PISCATAWAY, NJ 08854-4157

| EXAMINER |
|---|
| TRAN, THIEN D |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2665 | |

DATE MAILED: 03/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | Application No. | Applicant(s) |
|---|---|---|---|
| **Office Action Summary** | | 09/904,069 | CHAPURAN ET AL. [signature] |
| | | Examiner | Art Unit |
| | | Thien D Tran | 2665 |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on *12 July 2001*.

2a)☐ This action is **FINAL**.    2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) *1-37* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☒ Claim(s) *7-37* is/are allowed.

6)☒ Claim(s) *1-6* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some *   c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1.      The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2.      Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over the

admitted prior art in the view of Zhu et al (U.S Patent No. 6,226,373 B1).

Regarding claim 1, the admitted prior art discloses a service manager for

processing multimedia calls in a packet-based network, said service manager

comprising:

a protocol specific processor adapted for coupling to external sources, paragraph

0007; and

a common call processor coupled to the protocol specific processor, paragraph

0007, and comprising:

a feature layer for providing feature functionality, paragraph 0007;

a connection view processor and a basic call state model (BCSM)

processor for handling basic call processing functions, paragraph 0008, figure 2.

The admitted prior does not disclose a multimedia view processor for the connection

management, which is a well known element required in the equipment of media stream

for PC and conferencing systems.  Zhu discloses a multimedia processing unit used in a

service manager of BSCM for processing multimedia data, col.3 line 56 to col.4 line 5.

Therefore, it would have been obvious to one having ordinary skill in the art to have a

multimedia view processor for the connection management in the system of the

invention so that the system has the capability to provide multimedia services.

Regarding claim 2, the admitted prior art discloses that the connection view

processor further comprises a database for storing connection view object attributes

and a connection view service logic processor, paragraph 0012.

Regarding claim 3, the admitted prior art does not disclose that the multimedia

view processor comprises a database for storing multimedia view object attributes and a

multi-media view service logic. However, Zhu discloses the multimedia processing unit

having a database for storing service instruction and logic (multimedia view object

attributes and the multi-media view service logic processor). Therefore, it would have

been obvious to one having ordinary skill in the art to have the database for storing

multimedia view object attributes and the multi-media view service logic so that the

service logics can be allocated and processed properly by the multimedia view

processor.

Regarding claim 4, the admitted prior art discloses that the basic call state model

processor generates messages to create, modify, and delete multimedia view objects,

paragraph 0011.

Regarding claim 5, the admitted prior art discloses that the basic call state model

processor is an AIN basic call state model processor, paragraph 0009.

Regarding claim 6, the admitted prior art discloses that the basic call state model

processor is an ITU-T IN basic call state model processor, paragraph 0016.

### *Allowable Subject Matter*

3.      Regarding claim 7, the prior arts fail to teach or fairly suggest a method for

processing multimedia calls in at least one service manager wherein the at least one

service manager comprises a BCSM processor for executing originating and terminating

call models and a means for connection management, the method comprising the steps

of:

in response to a call setup request from an originating party, invoking originating

BCSM processing in the BCSM processor of the service manager associated with the

originating party;

generating a first message in the BCSM processor of the service manager

associated with the originating party to create a multimedia view object associated with

the originating party and communicating the first message to the means for connection

management of the service manager associated with the originating party;

invoking terminating BCSM processing in the BCSM processor of the service

manager associated with a terminating party;

generating a second message in the BCSM processor of the service manager

associated with the terminating party to create a multimedia view object associated with

the terminating party and communicating the second message to the means for

connection management of the service manager associated with the terminating party;

in response to an update to media streams initiated by the terminating party, generating a third message in the BCSM processor of the service manager associated with the terminating party to modify the multimedia view object associated with the terminating party and communicating the third message to the means for connection management of the service manager associated with the terminating party, in combination with other limitations as specified the independent claim 7.

4.      Regarding claims 24 and 30, the prior arts fail to teach or fairly suggest a method for processing modifications to media streams of a stable multimedia call during the active point in call of the originating and terminating basic call state model in the at least one service manager wherein at least one service manager comprises a BCSM processor and a means for connection management, the method comprising the steps of:

in response to a modification request communicated by a protocol specific processor of the service manager associated with an initiating party, performing in the BCSM processor of the service manager associated with the initiating party the steps of:

generating a first message to modify the multimedia view object associated with the initiating party and communicating the first message to the means for connection management of the service manager associated with the initiating party; and

generating a second message containing the proposed modifications and communicating the second message to the BCSM processor of the service manager associated with a non-initiating party;

in response to the proposed modifications communicated by the BCSM

processor of the service manager associated with the initiating party, performing in the

BCSM processor of the service manager associated with the non-initiating party the

steps of:

generating a third message to modify the multimedia view object associated with

the non-initiating party and communicating the third message to the means for

connection management of the service manager associated with the non-initiating party;

generating a fourth message containing the proposed modifications and

communicating the fourth message to a protocol specific processor associated with the

non-initiating party, in combination with other limitations as specified in the independent

claims 24 and 30.

### Conclusion

5.      Any inquiry concerning this communication or earlier communication from the

examiner should be directed to Thien Tran whose telephone number is (571) 272-3156.

The examiner can normally be reached on Monday-Friday from 8:30AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Huy Vu, can be reached on (571) 272-3155. Any inquiry of a general nature

of relating to the status of this application or proceeding should be directed to the Group

receptionist whose telephone number is (571) 272-2600.

6.      Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

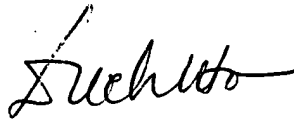published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have any questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197.


Patent Examiner

Thien Tran

**DUC HO**
**PRIMARY EXAMINER**

3-4-05